

## CLAIMS

1. In an integral multilayer analytical element for the determination of ammonia or an ammonia-producing substance comprising a transparent support,  
5 an indicator layer containing an indicator which produces a detectable change by gaseous ammonia, a liquid blocking layer permitting a gaseous ammonia to pass therethrough, a reagent layer containing an alkaline buffering agent and optionally a reagent capable of reacting with said ammonia-producing substance to produce ammonia, and a spreading layer, adhesively laminated in this order,  
10 the improvement which comprises that said liquid blocking layer is composed of at least two porous membrane layers.
2. The integral multilayer analytical element as claimed in claim 1, wherein pore diameter in the uppermost porous membrane of said at least two porous membrane layers, which contacts said reagent layer, is equal to or smaller than  
15 that of a just underlying porous membrane.
3. The integral multilayer analytical element as claimed in claim 1, wherein said at least two porous membrane layers comprise a porous polypropylene membrane and a porous polyethylene membrane.